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MONTANA OIL AND GAS STATISTICAL BULLETIN

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2512 RAYMOND PLACE
BILLINGS, MONTANA

OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 11 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — NOVEMBER, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of November 1962, averaged 86,974 barrels daily, a decrease of 927 barrels from the average October production of 87,901.

The nine refineries in State processed 74,099 barrels of crude oil daily for the month of November 1962, a decrease of 6,598 barrels from the 80,697 barrels processed daily during the month of October 1962.

During November, 42 wells were completed, 12 oil, 7 gas wells and 23 dry holes.

During November, the commission issued 42 permits to drill new wells, an increase of 2 from the 40 permits issued during October.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF NOVEMBER, 1962

IN STORAGE NOVEMBER 1st:	
By Producers	367,696
By Transporters	833,677
By Refiners	513,068
TOTAL STORAGE	1,714,441
Produced in Montana During Month	2,609,238
Imported During Month	1,312,242
TOTALS	5,635,921
DISPOSITION:	
Refined in Montana	2,223,025
Exported	1,462,726
Used for Fuel or Lost	31,296
TOTAL	3,717,047
IN STORAGE NOVEMBER 30th:	
By Producers	348,649
By Transporters	966,617
By Refiners	603,608
TOTAL STORAGE	1,918,874

NATURAL GAS WITHDRAWALS IN MONTANA

Month of November, 1962

Field	M Cu. Ft.
Bears Den	0
Big Coulee	95,281
Bowdoin	176,070
Bowes	85,378
Box Elder	0
Cabin Creek	90,209
Cedar Creek	603,719
Clarks Fork	0
Cut Bank (including Reagan)	983,986
Devon	0
Dry Creek	206,822
Elk Basin	33,908
Flat Coulee	11,872
Golden Dome	11,283
Grandview	0
Hardin	5,396
Havre	0
Keith Block	244,983
Kevin Sunburst	79,911
Pine	56,630
Plevna	14,996
Utopia	46,947
Whitlash	83,107
Miscellaneous	14,388
TOTAL	2,844,886

Total Withdrawals for November, 1961 were 4,137,880 M Cu. Ft.

PRODUCERS REPORT—MONTH OF NOVEMBER, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	1,154	2,196	----------	2,587	----------	763
5	Bannatyne	9	1,269	1,120	----------	1,222	----------	1,167
1	Bascom	1	466	2,462	2,714	----------	----------	214
5	Bear's Den	6	1,388	3,307	----------	3,055	358	1,282
1	Belfry	1	441	817	----------	793	----------	465
1	Benrud	1	771	2,861	3,155	----------	----------	477
11	Big Wall	31	2,991	27,867	28,249	458	----------	2,151
10	Blackfoot	15	3,845	6,871	----------	7,790	95	2,831
1	Border	1	104	72	----------	----------	----------	176
1	Bowes	74	3,417	15,885	15,961	----------	----------	3,341
1	Brady	4	----------	418	418	----------	----------	----------
2	Bredette North	2	1,210	526	829	----------	----------	907
2	Cabin Creek	99	9,628	278,062	280,777	----------	----------	6,913
17	Cat Creek	96	4,383	17,888	19,456	----------	----------	2,815
1	Clark's Fork North	1	1,579	820	----------	800	----------	1,599
1	Cupton	1	981	765	----------	1,007	----------	739
205	Cut Bank	1,061	121,381	143,881	139,524	10,502	129	115,107
3	Deer Creek	6	2,892	15,556	16,243	----------	----------	2,205
2	Delphia	2	391	1,239	----------	796	----------	834
---	Devil's Basin	------	1,265	----------	----------	----------	----------	1,265
5	Dry Creek	5	784	838	663	----------	----------	959
20	Dwyer	21	14,458	78,388	81,170	----------	156	11,520
8	Elk Basin	60	4,594	322,769	323,563	----------	----------	3,800
---	Fertile Prairie	------	750	----------	----------	----------	----------	750
3	Flat Coulee	9	2,826	5,823	----------	6,728	----------	1,921
2	Frannie	2	----------	1,325	1,325	----------	----------	----------
2	Gage	2	534	604	539	----------	----------	599
4	Gas City	26	6,547	74,253	76,416	----------	----------	4,384
6	Glendive	11	2,268	40,857	40,900	----------	----------	2,225
5	Graben Coulee	9	1,871	12,870	10,923	1,925	----------	1,893
3	Gypsy Basin	3	2,020	1,485	----------	1,495	----------	2,010
2	Hibbard	3	336	1,735	----------	1,360	----------	711
9	Ivanhoe	18	3,731	26,571	27,816	----------	----------	2,486
6	Keg Coulee	13	3,638	35,362	33,493	----------	----------	5,507
147	Kevin Sunburst	920	19,202	46,543	44,734	----------	----------	21,011
2	Little Beaver	24	3,567	32,187	31,100	1,003	----------	3,651
4	Little Beaver East	23	2,558	26,826	26,448	----------	----------	2,936
16	Lookout Butte	43	4,228	124,533	119,882	2,083	2,100	4,696
---	Mackay Dome	------	770	----------	----------	----------	----------	770
2	Melstone	5	670	5,906	5,819	----------	----------	757
6	Monarch	16	5,039	18,451	18,060	----------	----------	5,430
4	Mosser	4	----------	773	----------	773	----------	----------
7	Outlook	11	8,454	35,533	34,253	----------	----------	9,734
3	Outlook South	3	944	2,374	1,134	----------	----------	2,184
30	Pennel	61	5,451	138,225	125,388	14,212	----------	4,076
4	Pine	143	16,362	352,741	354,597	794	----------	13,712
74	Pondera	275	9,214	36,156	36,066	----------	----------	9,304
2	Pondera Coulee	2	144	248	248	----------	----------	144
5	Poplar, East	88	17,441	146,059	146,956	----------	1	16,543
4	Poplar, Northwest	5	1,607	1,799	928	----------	----------	2,478
6	Ragged Point	18	3,605	19,608	20,272	----------	----------	2,941
4	Reagan	43	3,334	18,693	18,442	----------	----------	3,585
12	Red Creek	24	5,597	40,319	38,632	1,026	----------	6,258
1	Redstone	1	450	975	671	----------	----------	754
1	Repeat	1	472	1,594	----------	1,667	----------	399
5	Richey	9	2,030	8,668	9,005	----------	----------	1,693
4	Richey, Southwest	5	2,826	13,106	12,740	----------	----------	3,192
4	Sand Creek	5	3,776	10,474	11,284	----------	----------	2,966
6	Sidney-Brorson	6	3,171	6,429	----------	5,600	----------	4,000
2	Snyder	4	1,020	826	----------	687	----------	1,159
6	Soap Creek	10	2,118	5,659	----------	4,979	----------	2,798
10	Stensvad	26	8,321	60,072	60,825	----------	----------	7,568
31	Sumatra	100	12,672	178,523	178,916	----------	----------	12,279
6	Tule Creek	8	3,214	75,593	75,457	----------	----------	3,350
11	Whitlash	31	4,982	7,990	525	5,740	----------	6,707
1	Whitlash, West	1	----------	215	----------	215	----------	----------
10	Wills Creek	17	2,578	25,835	26,826	----------	----------	1,587
9	Wolf Springs	18	5,821	20,158	22,444	----------	----------	3,535
4	Woodrow	6	967	18,191	18,470	----------	----------	688
1	Wildcat, Sheridan Cty	1	436	839	708	----------	----------	567
2	Wildcat, Rosebud Cty	2	742	1,624	1,185	----------	----------	1,181
792		3,556	367,696	2,609,238	2,546,149	79,297	2,839	348,649

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
Second Quarter, 1962	7,814,132	85,870	7,829,353	86,037
Third Quarter, 1962	8,075,340	87,775	8,074,997	87,771
October, 1962	2,724,945	87,901	2,792,427	90,078
November, 1962	2,609,238	86,974	2,625,446	87,514

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
June, 1962	363,128	924,225	624,679	1,912,032
September, 1962	360,156	870,717	565,186	1,796,059
October, 1962	367,696	833,677	513,068	1,714,441
November, 1962	348,649	966,617	603,608	1,918,874

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF NOVEMBER, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,587				2,587		
BANNATYNE—Truck			1,222			1,222			
BEAR'S DEN			3,055			3,055			
BELFRY—Truck			793				793		
BIG WALL—McWood Corp.			458			458			
Glacier Pipe Line Co.		28,026		433		28,459			
Mountain Crude Marketers, Inc.		433						433	
		28,459	458	433		28,917		433	
BLACKFOOT—Union Oil Co.			7,790			2,896		4,894	
BOWES—Texaco, Inc.		15,961				15,961			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	323,174	953,388		598,435			1,530,615		344,382
Shell Pipe Line Corp.	5,111	227,688		676	406			227,104	5,965
Truck			20,766					20,766	
	328,285	1,181,076	20,766	599,111	406		1,530,615	247,870	350,347
CAT CREEK									
Glacier Pipe Line Co.		16,687				16,687			
CLARK'S FORK—Truck			800				800		
CUT BANK									
Darling Gathering System, Inc.	2,120	6,250						6,144	2,226
Glacier Pipe Line Co.				185,230		146,768	38,462		
Phillips Petroleum Co.	19,947	50,969		25,580	253	43,544		39,440	13,259
Texas Pipe Line Co.	25,644	22,293		34,920	(218)			42,717	40,358
Teton Pipeline Corp.		36,081		91,274	5,259			122,096	
Union Oil Co.	93,184	56,457		44,076	398	99,335			93,984
Truck			13,922	225				14,147	
	140,895	172,050	13,922	381,305	5,692	289,647	38,462	224,544	149,827
DELPHIA—Truck			796			796			
DRY CREEK—									
Marathon Pipe Line Co.	7,346	663			84				7,925
ELK BASIN—Ohio Oil Co.		323,562				323,562			
FLAT COULEE—Truck			6,728			6,728			
FRANNIE—Ohio Oil Co.		1,325					1,325		
GAGE—Glacier Pipe Line Co.		538				538			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
Texas Pipe Line Co.	14,903	86,897			196	22,502		70,895	8,207
HIBBARD—Truck			1,360			1,360			
IVANHOE—Glacier Pipe Line Co.		27,824				840	26,984		
KEG COULEE									
Glacier Pipe Line Co.		33,494				9,717	23,777		
KEVIN SUNBURST									
Big West Oil Co.	4,596	61,755				63,379			2,972
Homestake Oil & Gas Co.	400	2,337		6,143		6,888			1,992
Texas Pipe Line Co.	5,696	18,672			(18)	14,764		3,926	5,696
	10,692	82,764		6,143	(18)	85,031		3,926	10,660
MELSTONE—									
Glacier Pipe Line Co.		5,817				5,817			
MOSSER—Truck			773				773		
PONDERA—Phillips Petr. Co.	5,146	38,256		33,515	379	60,924			15,614
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE AND TULE CREEK									
East Poplar Gathering System	9,482	311,581			1,442			300,436#	19,185
RAGGED POINT—									
Glacier Pipe Line Co.		19,271				8,321	10,950		
RED CREEK—									
Teton Pipeline Co.		43,457			435			43,022	
Mountain Crude Marketers, Inc.			1,026	5,695				6,721	
		43,457	1,026	5,695	435			49,743	
SIDNEY-BRORSON—McWood Corp.	405		5,600		(452)			3,083	3,374
SNYDER—McWood Corp.			687			687			
SOAP CREEK—McWood Corp.	5,425		4,979	2,219		7,773			4,850
SUMATRA AND STENSVAD									
Crude Oil Pipe Line, Inc.	18,538	10,673				14,159			15,052
Glacier Pipe Line Co.	282,378	229,587		103,007	18,791	152,963	76,624		366,594
	300,916	240,260		103,007	18,791	167,122	76,624		381,646
WHITLASH—Truck			5,955			5,955			
WOLF SPRINGS									
Crude Oil Pipe Line, Inc.	10,182	22,444				17,644			14,982
TOTALS	833,677	2,652,386	79,297	1,131,428	26,955	1,083,702	1,713,690	905,824	966,617

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF NOVEMBER, 1962

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co. Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		28,917								28,917
Blackfoot									1,805	1,805
Bowes			15,856							15,856
Cat Creek		14,433				2,651				17,084
Cut Bank	6,143							41,689	79,206	127,038
Delphia						887				887
Dry Creek				909						909
Elk Basin		127,671		86,798	109,094					323,563
Gage		538								538
Hibbard						1,039				1,039
Ivanhoe				840						840
Keg Coulee		9,717								9,717
Kevin Sunburst	77,881									77,881
Melstone				5,817						5,817
Pondera								59,258	726	59,984
Poplar							6,267			6,267
Red Creek					13,283					13,283
Richey, S. W.							12,289			12,289
Snyder		687								687
Soap Creek		7,773								7,773
Sumatra & Stensvad		85,274		22,230	59,618					167,122
Tule Creek							10,916			10,916
Whitlash	5,955									5,955
Wolf Springs					14,616					14,616
Total Montana Oil	89,979	275,010	15,856	116,594	196,611	4,577	29,472	100,947	81,737	910,783
Canadian Oil Imported		74,318							3,171	77,489
Wyoming Oil Imported		111,695		313,252	805,331	4,475				1,234,753
Total Montana, Canadian and Wyoming Oil	89,9 '9	461,023	15,856	429,846	1,001,942	9,052	29,472	100,947	84,908	2,223,025

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1961	26,841	90	38,461	65,392
November, 1961	26,785	29	32,214	59,028
November, 1962	30,359	2,582	41,158	74,099

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1961	41.04%	.15%	58.81%
November, 1961	45.37%	.06%	54.57%
November, 1962	40.97%	3.49%	55.54%